

1st and 3rd periods. In these periods, your team will choose a category and be read ten questions for you to complete in ninety seconds. After each response, the moderator will indicate whether or not it was correct.

Bonus Category: **MYTHOLOGICAL OBJECTS**

1. Leprechauns are said to wear coats laced with what metal, also found at the end of the rainbow?

answer: gold

2. Also used by Icarus to fly, Maat used one of these objects to weigh Egyptian souls.

answer: feather (do not accept “wings”)

3. Also a chewing gum, the Roman god Neptune is usually depicted with what three-pronged spear?

answer: trident

4. The Greek Selene, Sumerian Nanna, and Egyptian Thoth were all associated with what astronomical body?

answer: the Moon

5. What fruit was used to slow Atalanta down in a race against Melanion, and was also found in Hera's orchard at Hesperides [hess-PER-uh-dees]?

answer: apple

6. The Norse Odin has one of these called Gungnir, which always hits its mark and kills in battle.

answer: spear

7. Loki killed Balder with a spear of what plant used in Christmas decorations?

answer: mistletoe

8. The Greek Sisyphus is punished by having to roll what object up a hill, only to watch it roll back down?

answer: boulder or rock or equivalent

9. Name any one of the objects the Hawaiian goddess Pele [PAY-lay] is associated with.

answer: fire, volcanoes, lightning, dance, or violence

10. Coming from Aztec myth, the Mexican flag shows an eagle sitting on what object?

answer: prickly pear cactus

Bonus Category: CHEMICAL GASES

1. Green at room temperature, what gas with chemical symbol Cl is used in swimming pools and drinking water?

answer: chlorine

2. Nitrous oxide is also known by what name for its use as an anesthetic to make patients happy?

answer: laughing gas

3. CO₂ is the chemical formula of what gas that you exhale?

answer: carbon dioxide

4. Bronchodilator inhalers are used by people with what condition in which gas cannot enter the lungs due to inflammation?

answer: asthma

5. The most common element in the atmosphere is what element with atomic number seven?

answer: nitrogen

6. The periodic table's Noble Gases have full valences shells containing what particles?

answer: electrons

7. The simplest alkane, a gas stove might use what vapor with chemical formula CH₄?

answer: natural gas or methane

8. Used in chemical warfare, tabun and sarin are gases that affect what part of the body?

answer: nervous system or nerves

9. What element with atomic number two is found in the sun and is the second most abundant element in the universe?

answer: helium

10. DuPont sold Freon, a gas used in what devices invented by Willis Carrier to control humidity and indoor climate?

answer: air conditioning (accept equivalents)

Bonus Category: POETRY

1. Who wrote the poems "Annabel Lee," "To Helen," and "The Raven"?

answer: Edgar Allen Poe

2. A Japanese haiku typically contains seventeen syllables grouped into how many lines?

answer: 3

3. In Gertrude Stein's "Sacred Emily," what flower is called "loveliness extreme"?

answer: a rose

4. "Auld Lang Syne" by Robert Burns has been set to music and is typically sung during what holiday?

answer: New Year's Eve (or New Year's Day)

5. What question did Elizabeth Barrett Browning ask and then say "let me count the ways"?

answer: How do I Love Thee?

6. In Ernest Thayer's poem, what Mudville Slugger strikes out "at the Bat"?

answer: Casey

7. Walt Whitman's "O Captain My Captain" is about what president?

answer: Abraham Lincoln

8. Later set to music, what Francis Scott Key poem includes the line "Whose broad stripes and bright stars through the perilous fight"?

answer: The Star Spangled Banner

9. Robert Frost contrasted endings of the world in his poem called "Fire and" what?

answer: Fire and Ice

10. Thomas Gray's one written in a Country Churchyard and Percy Shelley's "Adonais" are what kind of poem written for a funeral?

answer: elegy (accept: lament or lamentation)

Bonus Category: THE 20TH CENTURY

1. What name is given to the "Great" economic disaster that occurred during the 1930s?

answer: The Great Depression

2. Rounded to the nearest billion, what was the Earth's population at the end of the 20th century?

answer: 6 billion [about 6.08 billion]

3. Dismantled in 1922, the Ottoman Empire was a predecessor to what modern country with capital Ankara?

answer: Turkey

4. What term did Selman Waksman coin in 1942 for substances, like penicillin, that inhibit bacteria?

answer: antibiotics

5. The Cold War was a struggle for influence between the U.S. and what country?

answer: The Soviet Union or USSR or SSSR or Soyuz Sovetskikh Sotsialisticheskikh Respublik or CCCP
or (accept: Russia)

6. Which brothers flew a plane at Kitty Hawk, North Carolina in December 1903?

answer: The Wright Brothers or Orville and Wilbur Wright

7. Between 1918 and 1920 about 500 million people became infected with what disease?

answer: influenza or Spanish Flu (accept H1N1 or swine flu)

8. In what city were student protesters attacked by the military at Tiananmen Square in 1989?

answer: Beijing

9. What first satellite was launched into orbit in October 1957?

answer: Sputnik 1

10. Ban Ki-moon, Kofi Annan, and Boutros Boutros-Ghali have been Secretary Generals of what organization?

answer: The UN or United Nations

Bonus Category: ANIMATED ANIMALS

What kind of animal is each of the following cartoon, television, and film characters?

1. Thumper in *Bambi*

answer: rabbit or bunny

2. Mumble and Gloria in *Happy Feet*

answer: Emperor Penguin

3. Clifford in *Clifford's Really Big Movie*

answer: dog (accept Vizsla)

4. Eeyore in *Winnie the Pooh*

answer: donkey

5. Manny in *Ice Age*

answer: wooly mammoth (prompt on "elephant")

6. Foghorn Leghorn in *Looney Tunes*

answer: rooster (accept: chicken or cock or chanticleer)

7. Shenzi, Banzai and Ed in *The Lion King*

answer: spotted hyenas

8. Splinter on *Teenage Mutant Ninja Turtles*

answer: rat (accept: Mouse or Rodent)

9. Rocky on *The Rocky and Bullwinkle Show*

answer: flying squirrel

10. Darwin Thornberry on *The Wild Thornberrys*

answer: chimpanzee (prompt on "ape")

2nd period: This period contains twenty tossups worth 10 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. Winslow Homer's *Summer Squall* is an example of what kind of painting that depicts coastlines, oceans, or waves, similar to the way in which the countryside is shown in a landscape?

answer: seascape

2. Sarcomas, melanoma, and leukemia are forms of what condition in which cells grow uncontrollably in the body and may form a tumor?

answer: cancer

3. Renee Fleming, who performs Countess Almaviva in *The Marriage of Figaro* and Maria Callas, who performed Tosca, were two opera singers that sang what voice part which often has the highest notes?

answer: soprano (prompt on "opera" or "singers" before given)

4. The *Tianlong* that guard heavenly places, *Shenlong* that control weather, and *Huanglong* that protect Emperors are what Chinese mythical creatures that have with scales, tails, and horns, and breathe fire?

answer: dragon

5. While the Ancient Greek playwright Aristophanes was known for his comedies, writers such as Sophocles and Euripides were known for what kind of plays that show humans suffering?

answer: tragedy

6. A vertex is a point in a polyhedron where three or more of the edges meet. When referring to more than one vertex, what is the plural form of the word?

answer: vertices

7. The Arietids, Draconids, Perseids, and Leonids are annual events in the sky composed of what streaking rocks burning up in the atmosphere?

answer: meteor showers (accept: meteoroid or meteorite since technically the showers are those too)

8. The imprisonment, fine or other consequence a convict receives is a punishment known by what term?

answer: sentence

9. What rapper included the songs "Yahama Mama," "Bird Walk," and "Kiss Me Thru the Phone," on his 2008 album that also included "Crank That"?

answer: Soulja Boy or DeAndre Cortez Way

10. The 5th century BC Delian League was led by what democratic Greek city-state, now capital of Greece?

answer: Athens

11. In August 2009, it was announced that goblins and wolvar will be available in *Cataclysm*, the third

expansion set of what massively multiplayer online role-playing game?

answer: WoW or World of Warcraft

12. Snowflakes, diamonds, and table salt are all examples of what structures seen in growing quartz, also a word used to describe high quality glass?

answer: crystal

13. In a folktale, who is recruited by a Maghreb sorcerer and ultimately marries Badroulbador, the Emperor's daughter, after being given a ring to avoid traps in cave containing a magic lamp?

answer: Aladdin or Ala ad-Din

14. Which person succeeded by Sean Parnell addressed a crowd at Fairbanks' Pioneer Park in July 2009 and announced her resignation as Alaska's governor, after running as John McCain's vice-presidential candidate?

answer: Sarah Palin

15. Pencil and paper ready. In lowest terms, what is four-fifths divided by six-eighths?

answer: 16/15 [sixteen fifteenths] or 1 1/15 [one and one fifteenth]

16. What odd feat did Walter Johnson achieve in the fifth inning of an April 15, 1911 game, something also achieved by the Angels' Scot Shields when his catcher dropped the ball at the end of one of the four at-bats in the inning?

answer: four strikeouts in one inning (do not accept "four outs", one batter was not out)

17. The Celtic Sea is an arm of the Atlantic Ocean located south of what island, which is to the west of the English Channel?

answer: Ireland

18. The Do-Not-Call Implementation Act, Adam Walsh Child Protection and Safety Act, Patriot Act, and No Child Left Behind were all laws signed by what U.S. President?

answer: George W. Bush (prompt on "Bush", do not accept "George H.W. Bush")

19. The primary components of the lithosphere, igneous, sedimentary, and metamorphic, are the classes of what geologic substance that comes in pumice, basalt, and granite varieties?

answer: rock

20. Charles Darwin was a naturalist on what ship that traveled to the Galapagos, also the name of a dog breed thought to have been derived from Southern Hounds that includes the Peanuts' character Snoopy?

answer: Beagle

4th period: This period contains twenty tossups worth 15 points each. When you think you know the answer, signal with your buzzer and your team will have five seconds to respond.

TOSSUPS:

1. The main characters in this work also appear in *Twenty Years Later* and *The Man in the Iron Mask*. Queen Anne has an affair with a Duke and the Cardinal Richelieu conspires to have her wear jewels she gave her lover. In *Slumdog Millionaire*, Jamal, Salim, and Latika see themselves as these characters. For 15 points—name this Alexander Dumas work in which Athos, Porthos, and Aramis are a trio of swashbucklers.

answer: The Three Musketeers or Les Trois Mousquetaires

2. Chinese myth credits the Emperor's wife Hsi-Ling Shih [SEE ling shuh] with discovering this substance after some dropped from a mulberry tree into her tea. It was worth its weight in gold when clothing Rome's elite, as its price increased as one went west along an ancient trade Road named for this fabric. For 15 points—name this soft material, a different kind of which is found in spider webs.

answer: silk

3. According to Guinness, the record for the longest one of these involves heated pitch that has dripped eight times in seventy-three years. Other famous ones include Young's Double Slit, Milikan's Oil Drop, and Rutherford's Gold Foil. Galileo is said to have conducted one of these atop the Tower of Pisa to demonstrate a facet of gravity. For 15 points—name these scientific endeavors that hope to prove or disprove something.

answer: experiments

4. In July 2009, Greenpeace activists were arrested for placing a banner at this site about global warming. In 2004, Native American Gerard Baker became superintendent of this site and set up a village of Sioux [SOO] heritage. This monument was created by Gutzon Borglum in the Black Hills near Keystone, South Dakota. For 15 points—name this monument showing Jefferson, Roosevelt, Lincoln, and Washington.

answer: Mount Rushmore

5. This boy sneaks onto the *Princess Andromeda* to burn it and meets with Leneus of the Cloven Elders. His half-brother Tyson made a shield that retracts to a watch when not employed. He goes to the 600th floor of the Empire State Building and learns about the Great Prophecy at Camp Half-Blood where demigods are safe. For 15 points—name this Rick Riordan character who is the son of Poseidon and appears with The Olympians.

answer: Percy Jackson (accept either underlined name)

6. In medieval times, this word referred to dogs placed along a hunting path to relieve tired hounds. In electronics this is a switch that opens and closes controlled by a circuit. This word can refer to a communication satellites or stations that forward a message to the next receiver. For 15 points—name this word that track runners use when describing the 4x100 [four by one hundred], a race in which teammates hand off batons.

answer: relay

7. This band was originally The New Yardbirds, as it was formed to fill out Yardbird tour dates. They released the albums *Presence*, *Physical Graffiti*, and *Houses of the Holy*, but disbanded after the death of drummer John Bonham. Their first album had a picture of the burning Hindenberg and featured the song "Dazed and Confused." Robert Plant and Jimmy Page are members of—for 15 points—what band known for "Stairway to Heaven."

answer: Led Zeppelin

8. In an add-on to this game, you fight an evil Elven king. One god in this game rains down flaming dogs on superstitious village inhabitants. In the starting dungeon, King Uriel Septim VIII is killed by the Mythic Dawn cult that worships Daedra [DAY-id-ra] Mehrunes Dagon [MAY-run-aze day-GON]. This game's improved design includes total free roam and non-dependence on the main quest. For 15 points—give this XBOX game of the year, named for the realm where the Daedra [DAY-id-ra] dwell.

answer: Elder Scrolls IV: Oblivion (accept either underlined answer; prompt on "Knights of the Nine" before "One god")

9. Deepest at Sigsbee, this body of water includes Apalachee Bay and Campeche [cam-PAY-chay] Bank. A strong ocean current begins in this body of water and causes warmer than expected European climate. Hurricanes entering this body of water, like Katrina, often regain strength. For 15 points—name this body connected to the Atlantic by the Florida Strait, which is surrounded by Cuba, the U.S., and a namesake country.

answer: Gulf of Mexico

10. This term describes the larger body in a binary star system. Documents created at the time being studied, usually by a person with direct knowledge of events described are this kind of source. Each party chooses its candidate for subsequent voting in this kind of election. Some printers use cyan, magenta, and yellow, but on cathode ray tubes these colors are red, green, and blue. For 15 points—name this term that means "first" that can also describe elementary schools.

answer: primary

11. One considered in 1924 dealt with child labor, while the 1861 Corwin one tried to sustain slavery. If they choose to do so, state legislatures can still consider one of these submitted to them in 1810 about nobility titles. Recent ones the U.S. Congress proposed dealt with gay marriage and flag burning, but these did not join the ratified twenty-seven. For 15 points—the Bill of Rights are the first ten of what additions to the U.S. Constitution?

answer: amendments to the U.S. Constitution (prompt on "law")

12. Roman Šebrle [seh-BRUL-lay] of the Czech Republic won gold at the 2004 Olympics in this competition, and Jim Thorpe and Bruce Jenner are past winners. An athlete that tied the world record in every component of it would score 12,516. It includes the 400 meters, javelin, shot put, and high jump. For 15 points—name this series of ten events.

answer: decathlon

13. In 1971, this organization was ironically robbed in Pennsylvania, and had its data distributed to newspapers. In 1935, this group was involved in killing Ma Barker, and later had a task force devoted to John Dillinger. Currently directed by Robert Mueller, its past leaders include Louis Freeh and J. Edgar Hoover. With a motto of "Fidelity, Bravery, Integrity" that hints to its name—for 15 points—name this agency that publishes the "Ten Most Wanted" list and looks into federal crimes.

answer: FBI or Federal Bureau of Investigation

14. Pencil and paper ready. At noon, John starts paddling his boat at 8 miles per hour. At 3pm, Alex starts paddling at a faster unknown rate and catches up to John at 9pm. For 15 points—at what speed did Alex paddle? You get ten seconds.

answer: 12 miles per hour

15. In a 2002 film, Adrien Brody starred as a Warsaw resident who played this instrument "Weeping Willow," "Maple Leaf Rag," and "The Entertainer" are pieces for this instrument by Scott Joplin. Vince Guaraldi wrote "Linus and Lucy," a jazz piece for this used in many *Peanuts* cartoons. For 15 points—name this instrument used by Arthur de Lull for "Chopsticks," where the musician's hands are supposed to strike the keys sideways.

answer: piano

16. This term is derived from Arabic for "restoration," and the boolean one uses true and false values. Topics studied by students in this class include the elimination and substitution methods for finding solutions, inequalities, quadratic equations, and variables. For 15 points—name this branch of mathematics that often denotes unknown values as "x."

answer: algebra

17. In Spanish, these are called buñuelos [boon-YWAY-los] while in Germany, one kind of these food items are known as Berliners. In 2007 an Australian company called their "King" created the World's Largest one to celebrate the *Simpsons* movie. Dutchie, Canadian Maple, Honey Cruller, and Strawberry Bloom are some of these on the menu at Tim Hortons. For 15 points—name these treats sold by Krispy Kreme in glazed varieties.

answer: donuts

18. John McCain was born at the Coco Solo Naval Air Station near its waters, which are spanned by the Centennial Bridge and Bridge of the Americas. The Torrijos-Carter Treaty dealt with the ownership of this, which the U.S. gave up. Ships using this waterway will go through the Miraflores and Gatun Lakes and a series of locks and channels, ultimately traveling fifty miles. For 15 points—name this canal that allows ships to travel between the Atlantic and Pacific Oceans through a Central American country.

answer: Panama Canal

19. In astronomy, one of these contains the Cassini Division and Encke [en-KEE] Gap. In another case, Metis, Thebe, and Amalthea play a role in shaping these features. In 2008, the Cassini probe found evidence at Saturn's moon Rhea of one of these made up of particles smaller than a decimeter. For 15 points—name these features found near Jupiter, Uranus, Neptune, and especially Saturn, composed of ice and dust circling the planet.

answer: rings

20. According to one genealogy, this man is a grandson of Eli and Matthat, and great-grandson of Levi. Through Elizabeth, John the Baptist may have been a distant cousin. Galatians [gah-LAY-shuns] calls James this man's brother and a controversial theory calls Mary Magdalen his wife. For 15 points—name this man whose Nazarene mother and father had to travel for a census to Bethlehem, the site of his birth.

answer: Jesus (Christ)